

Open Call for Research Fellowship

Applications for three Undergraduate Research Fellowship are open at Nova School of Business and Economics (Nova SBE) under the Project *Data Science for Social Good Europe*, funded by NForum Executivos, with the following conditions:

Main Research Field: Data Science

Education: Minimum requirement is a Bachelor of Science Degree. Advantage will be given to the candidates with a Master Degree or candidates already attending a Ph.D. program who are applying data science related skills to their daily work

Admission requirements:

1. Bachelor of Science Degree.
2. At least 2 years of Data Science related experience (at least three of the following required)
 - a. Programming in Python (please provide a link to your GitHub account if possible)
 - b. Programming in R (please provide a link to your GitHub account if possible)
 - c. Experience with AWS or Microsoft Azure
 - d. Knowledge of Hadoop & Spark
 - e. Experience in processing satellite images
 - f. Work with audio/video images
3. Demonstrated interest in social good – previously worked with or for a non-profit organization.

Work Plan:

1. Data processing;
2. Development of machine learning models;
3. Development of an application for presenting the results;
4. Preparation of the documentation for the use of the models and the application.

Applicable Law and Regulations: Research Fellowship Holder Statute (“*Estatuto do Bolseiro de Investigação Científica*”), approved by Law no. 40/2004, of 18 August, subsequently amended and republished by Ordinance no. 202/2013 of 27 August, updated in accordance with the Ordinance no. 233/2012 of 29 October, the Law no. 12/2013, of 29 January, and with the Ordinance no. 89/2013 of 9 July. Fellowship Regulations of Nova SBE, approved by Fundação para a Ciência e Tecnologia by 16 April 2014 dispatch and Regulations for Studentships and Fellowships of the Fundação para a Ciência e Tecnologia (FCT).

Working place: The research will be conducted at Nova SBE under the scientific supervision of Professor Leid Zejnilović.

Duration of the Fellowship: The fellowship will have a duration of 5 months. The fellowship is planned to start on November 1, 2017. The fellowship will be awarded on an exclusive basis, as stated in Fellowship Regulations of Fundação para a Ciência e a Tecnologia.



Monthly allowance: The fellowship amounts to €980 EUR, according to the table of values of the Research Fellowships in the country awarded by FCT (<http://www.fct.pt/apoios/bolsas/valores>).

Selection criteria: Applicants will be assessed according to their Curriculum (50%) and the interview (50%) to which they'll be invited if they satisfactorily meet the admission requirements.

Selection Committee:

Professor Leid Zejnilović – Chairman (Assistant Professor)

Professor Patrícia Xufre – Effective member (Assistant Professor)

Alexandra Veiga, Ph.D. – Effective member (Research Unit Executive Director)

Professor Miguel Pina e Cunha – Substitute member (Full Professor)

Professor Álvaro Ferreira da Silva – Substitute member (Associate Professor)

Formal notification of results: All candidates will be notified by email.

Application period: The call is open from October 13 to October 27.

Application procedure: Applications must be submitted by email to research.office@novasbe.pt, under the subject "Research Fellowship Application – Data Science for Social Good", and must include the following documents (mandatory):

1. Motivation letter;
2. Detailed *Curriculum Vitae*;
3. Transcripts of diplomas or degrees with final grades and other documents demonstrating the candidate's suitability for the required profile;